

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5907151".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:05
L2	1	"5565674".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:06
L3	1	"5350916".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:06
L4	1	"5298742".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:06
L5	1	"6867367".pn.	USPAT; USOCR	OR	ON	2009/02/03 20:07
L6	1	"6521989".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:11
L7	1	"6511866".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:12
L8	1	"6489677".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:12
L9	1	"6462413".PN.	USPAT; USOCR	OR	ON	2009/02/03 20:12
L10	3342	257/98.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:13
L11	2533	257/99.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:14
L12	1033	257/433.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:14
L13	3018	257/666.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:15
L14	2324	257/784.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:15
L15	0	L3 and (laser or optical or emitting or LED) and (leadframe or lead \$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:18

L16	1	L10 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:19
L17	1	L11 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:24
L18	3	L12 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:24
L19	4	L13 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:25
L20	2	L14 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:25
L21	633	257/98.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 20:26
L22	865	257/99.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 20:26

L23	0	257/433ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 20:26
L24	0	(leadframe and (laser or optical or emitting) and (box or housing or casing) and sidewall and (open or hollow) and lead and insulat\$3 and inner).clm.	US-PGPUB	OR	ON	2009/02/03 20:27
L25	0	((leadframe or frame) and (laser or optical or emitting) and (box or housing or casing) and sidewall and (open or hollow) and lead and insulat\$3).clm.	US-PGPUB	OR	ON	2009/02/03 20:27
L26	0	(leadframe and (laser or optical or emitting) and (box or housing or casing) and sidewall and (open or hollow) and lead and insulat\$3 and wire).clm.	US-PGPUB	OR	ON	2009/02/03 20:28
L27	149	257/E25.032.ccls.	EPO; JPO	OR	ON	2009/02/03 20:32
L28	14533	matsumoto.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:35
L29	0	L28 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:35
L30	43	motoike.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:36
L31	0	L30 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:36
L32	1790	nakahara.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:38

L33	0	L32 and (laser or optical or emitting or LED) and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and (lead or conduct \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 20:38
S1	2906	257/666.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:53
S2	2225	257/784.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:53
S3	3417380	S1 and (lase or optical or emitting or LED) and wire and (leadframe or lead \$1frame) and (box or housing or casing) and sidewalland (open or hollow)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:55
S4	4	S1 and (lase or optical or emitting or LED) and wire and (leadframe or lead \$1frame) and (box or housing or casing) and sidewall and (open or hollow) and lead	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:56
S5	1	S2 and (lase or optical or emitting or LED) and wire and (leadframe or lead \$1frame) and (box or housing or casing) and sidewall and (open or hollow) and lead	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:56
S6	2	S2 and (laser or optical or emitting or LED) and wire and (leadframe or lead \$1frame) and (box or housing or casing) and sidewall and (open or hollow) and lead	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:56
S7	4	S1 and (laser or optical or emitting or LED) and wire and (leadframe or lead \$1frame) and (box or housing or casing) and sidewall and (open or hollow) and lead	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:56

S8	57	(laser or optical or emitting or LED) and wire and (leadframe or lead\$1frame) and (box or housing or casing) and sidewall and (open or hollow) and lead	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 11:56
S9	1	"20040091208".PN.	US-PGPUB	OR	ON	2008/07/07 12:05
S10	1	"20030169980".PN.	US-PGPUB	OR	ON	2008/07/07 12:05
S11	1	"20030026081".PN.	US-PGPUB	OR	ON	2008/07/07 12:05
S12	1	"20020136502".PN.	US-PGPUB	OR	ON	2008/07/07 12:05
S13	1	"6916121".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:05
S14	1	"6792171".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:05
S15	1	"6916121".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:06
S16	1	"6792171".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:06
S17	1	"6792171".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:06
S18	1	"6703561".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:06
S19	1	"6707140".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:06
S20	1	"6702480".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:06
S21	1	"6635866".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:07
S22	1	"5500768".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:08
S23	1	"5485479".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:09
S24	1	"5377177".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:09
S25	1	"5291316".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:09
S26	1	"5136603".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:09
S27	1	"4458980".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:09

S28	5414	(laser or optical or emitting or LED) and wire and (box or housing or casing) and sidewall and (open or hollow or cavity) and lead	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:11
S29	3610	S28 and (resin or insulat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:11
S30	881	S29 and (side\$1wall) and (side or edge) and (chip or die) and (bend or bent or press)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:14
S31	1	"20040113262".PN.	US-PGPUB	OR	ON	2008/07/07 12:30
S32	1	"6777612".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:30
S33	1	"6511866".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:30
S34	1	"6242694".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:30
S35	1	"5744848".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:31
S36	1	"5434358".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:32
S37	1	"5374786".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:32
S38	1	"5285106".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:32
S39	1	"5247134".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:32
S40	1	"6242694".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:32
S41	1	"5792984".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:33
S42	1	"6204448".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:33
S43	1	"5731542".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:34
S44	1	"5639990".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:34
S45	1	"5001299".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:38
S46	1	"4888449".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:38
S47	1	"4288081".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:38

S48	1	"3698074".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:39
S49	1	"6242694".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:40
S50	1	"4288081".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:41
S51	1	"5700724".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:41
S52	1	"6214152".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:41
S53	1	"6462413".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:41
S54	1	"6462413".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:41
S55	1	"6489677".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:41
S56	1	"5671315".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:42
S57	1	"5559918".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:42
S58	1	"5337388".PN.	USPAT; USOCR	OR	ON	2008/07/07 12:42
S59	2964	257/98.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:48
S60	2275	257/99.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:48
S61	976	257/433.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:48
S62	1	S59 and (laser or optical or emitting or LED) and wire and (leadframe or lead \$1frame) and (box or housing or casing) and sidewall and (lead or flange) and (insulat\$3 or resin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:49
S63	269	S59 and (laser or optical or emitting or LED) and wire and (box or housing or casing) and (side \$1wall or side or edge) and (lead or flange) and (insulat\$3 or resin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:50

S64	278	S60 and (laser or optical or emitting or LED) and wire and (box or housing or casing) and (side \$1wall or side or edge) and (lead or flange) and (insulat\$3 or resin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:51
S65	115	S61 and (laser or optical or emitting or LED) and wire and (box or housing or casing) and (side \$1wall or side or edge) and (lead or flange) and (insulat\$3 or resin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:51
S66	1	"6531328".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:09
S67	1	"6517218".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:09
S68	1	"5985696".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:09
S69	1	"5813753".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:09
S70	1	"4935665".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:10
S71	1	"6365920".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:15
S72	1	"6459130".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:15
S73	1	"5925898".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:16
S74	1	"5907151".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:19
S75	1	"5565674".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:31
S76	1	"5350916".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:31
S77	1	"5298742".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:31
S78	1	"4247864".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:31
S79	54	S30 and (lead with side \$1wall)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 13:40
S80	1	"6867367".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:43

S81	1	"5792984".PN.	USPAT; USOCR	OR	ON	2008/07/07 13:44
S82	0	(leadframe and (laser or optical or emitting) and wire and (box or housing or casing) and sidewall and (open or hollow) and lead and insulat\$3 and inner). clm.	US-PGPUB	OR	ON	2008/07/07 13:47
S83	633	257/98.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 13:47
S84	865	257/99.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 13:47
S85	383	257/433.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 13:47
S86	1756	257/666.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 13:47
S87	1	(laser or optical or emitting or LED) and wire and (box or housing or casing) and sidewall and (open or hollow or cavity) and lead	EPO; JPO	OR	ON	2008/07/07 13:48
S88	1	"6220764".PN.	USPAT; USOCR	OR	ON	2008/07/07 17:23
S89	1	"6867367".PN.	USPAT; USOCR	OR	ON	2008/07/07 17:23

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